

Deepcel *Plus* VDT **DPA2G24PP332**

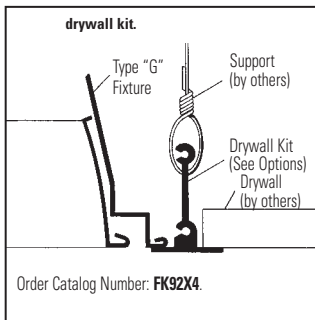
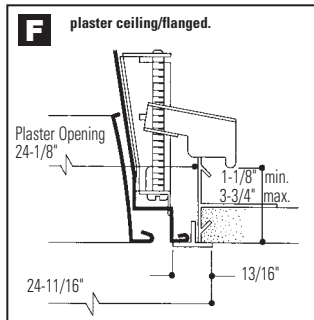
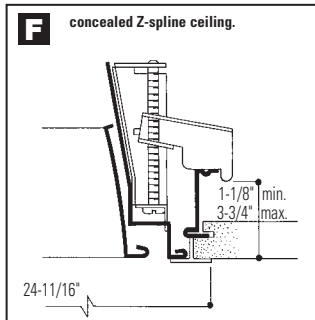
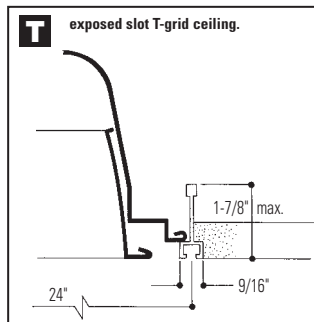
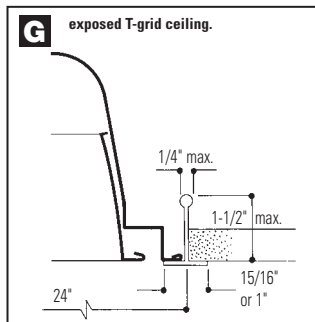
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2' x 4' Recessed Fluorescent, 3", 24 Cell Specular Parabolic Louver
Static or Air Supply/Return, 3 Lamp, T8 or T5

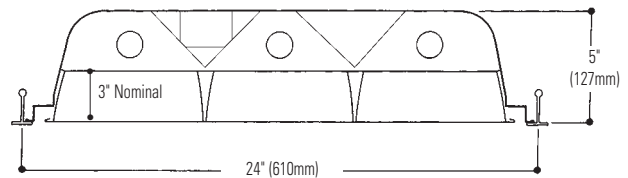
- Meets IES RP1 recommended (basic) for lighting VDT areas.
- Individual lamp compartments.
- 5" deep body.
- 71.3% efficient.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Pre-anodized aluminum parabolic louver.
- Vertical grain louver eliminates reflected lamp images on cross baffle.
- Spring loaded latches.
- 18 gauge steel hinges.
- Louver frame with integral positive light stop.
- Louver has protective film dust guard.
- Construction to meet NYC Code or Chicago Plenum requirements is available.



Mounting Methods



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte company

www.lightolier.com

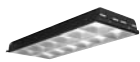
Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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Deepcel Plus VDT DPA2G24PP332

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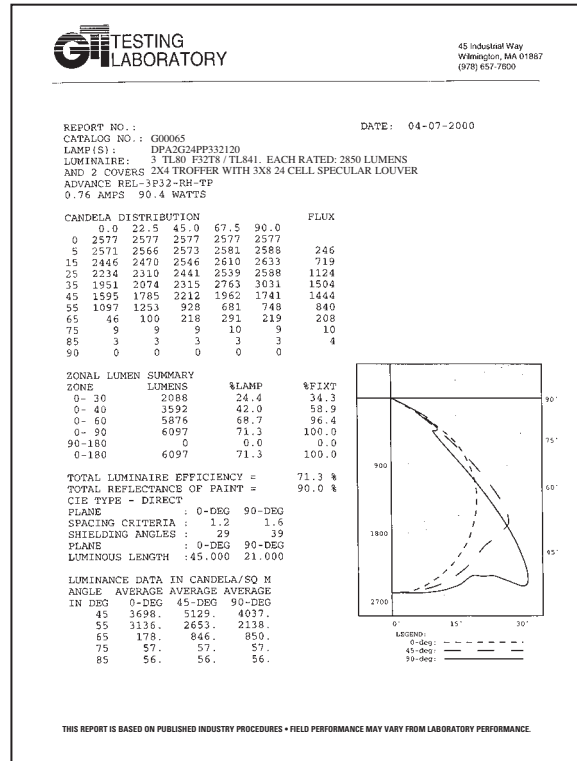
2' x 4' Recessed Fluorescent, 3", 24 Cell Specular Parabolic Louver
Static or Air/Return, 3 Lamp, T8 or T5

Photometry

Model No. DPA2G24PP33212003

LER = FP - 59.8 IW - 90.4 BF - 0.89

Comparative yearly lighting energy cost per 1000 lumens = \$4.01



coefficients of utilization — zonal cavity method

RF	20	20	20
RC	80	50	30
RW	70	50	30
1	80	77	75
2	74	69	65
3	68	62	57
4	63	56	51
5	58	50	45
6	54	46	40
7	50	42	36
8	47	38	33
9	44	35	30
10	41	32	27

visual comfort probability (VCP) average 100 fc; reflectances 80/50/20

room size		ceiling height				ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	83	79	70	74	83	79	75	77
20	30	81	79	77	71	84	80	78	71
20	40	81	80	77	74	84	80	79	75
20	60	82	80	77	74	84	80	79	75
30	20	81	82	74	75	84	81	77	76
30	30	82	82	78	72	84	82	80	71
30	40	82	82	78	74	84	82	80	75
30	60	82	83	78	73	84	82	80	75
30	80	82	83	78	73	84	82	80	75
40	20	81	82	76	77	84	81	79	78
40	30	82	82	79	74	84	82	81	73
40	40	82	83	79	74	84	82	81	76
40	60	82	83	79	75	84	82	82	76
40	80	82	83	79	75	84	82	82	76
40	100	82	83	80	75	84	82	82	76
60	30	82	83	79	76	84	82	81	73
60	40	82	83	79	76	84	82	82	76
60	60	82	83	79	76	84	82	82	76
60	80	82	83	80	76	84	82	82	76
60	100	82	83	80	76	84	82	82	76
100	40	82	83	79	76	84	82	82	76
100	60	82	83	80	76	84	82	82	76
100	80	82	83	80	77	84	82	81	76
100	100	82	83	80	77	85	82	81	76

Ordering Information

Explanation of Catalog Number. Example: DPA2G24PP33212003CP

Deepcel Plus Parabolic: Pre-anodized aluminum louver	Body Style: A=Air Supply S=Static	Fixture Width 2	Ceiling Type: G=Grid (lay-in T bar) F=Flanged (over lap) Z spline and plaster frame T=Slot grid or two-directional concealed T (see options)	Number of Cells: 24=3 rows of 8	Louver Finish: L = Low iridescence Semi-specular (standard) P = Low iridescence Specular W = White Baked Enamel	Dual "V" Reflectors P	Lamp Quantity 3	Voltage: 120, 277 or UNV=120-277	Ballast Type: <20THD <10THD SO * H1 * O3 * H3 * PI † PG †† PS PS	Options: Add appropriate suffix to catalog no., ie: (CP)
DP Standard Deepcel										
DY For NYC Code — I.B.E.W. Manufactured										
ND For NYC Code — Local 3 Manufactured 5½" Deep Body										

Options/Accessories

Plaster Frame: Catalog Number: PF24.

Continuous Row Installation: For F type fixtures, half width flanges are required between fixtures. Order Catalog Number: 2FC TRIM CSP (each joint).

Radio Interference Filter: To order one RIF per fixture; SUFFIX: R. To order one RIF per ballast; SUFFIX: B.

Electrical Wiring Options: Consult factory.

Air Closure Strip: SUFFIX: ACS4 (factory installed).

Drywall Kit: Order Catalog Number: FK92X4. (Request Folio OA30-10 Rev. A).

Chicago Plenum: SUFFIX: CP.

Specifications

Performance: In an installation of 3 lamp 32W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .77. To prevent glare the VCP shall be not less than 82 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 850, 57 and 56 candelas per square meter respectively in the 0°, 45°, and 90° horizontal planes.

Air Handling (DPA only) side air passages for air supply or air return. Supply air is discharged vertically. Optional side closure strips. Air return is also provided through the lamp compartment through fixture body ends.

Materials: Chassis parts are die-formed code gauge cold rolled steel. Housing is ribbed for rigidity with side rails hemmed over and housing ends turned-in for safe handling. Louver is pre-anodized aluminum (Coilzak® or equal).

Specifications (continued)

Finish: Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating. Louver—low iridescence semi-specular anodized vertical grain aluminum reflector sheet is standard.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is with-in 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W. UL and ULc Listed.

Job Information

Type:

Lightolier a Genlyte company

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